

REMARKS

Claims 1-30 were pending at the time of the Office Action. Claims 28-30 were previously withdrawn from consideration. Claims 11-16 are cancelled in this response. Claims 31-35 are new claims. Claims 17, and 19-27 are amended. No new matter is added. Claims 1-10, and 17-35 are pending at this time, with claims 28-30 remaining withdrawn from consideration. Claims 1, 17, and 23 are independent claims. Reconsideration and allowance of the above-referenced application are respectfully requested.

Allowable Subject Matter

Claims 4 and 5 are indicated as being allowable subject matter if rewritten in independent form. This indication of allowable subject matter is acknowledged. The claims are retained.

35 USC 101

Claims 11-16 stand rejected under 35 USC 101 as allegedly being directed to non-statutory subject matter. The cancellation of claims 11-16 obviate the rejections of said claims.

Further, claims 17-22 also appear to stand rejected under 35 USC 101 as allegedly being directed to non-statutory subject matter. If so, claim 17 is amended to obviate the rejection.

As amended, claim 17 recites, "A computer program product, tangibly embodied in a machine-readable medium, for executing instructions on a processor, the computer program product being operable to cause a machine to: receive frames partitioned into multiple timeslots; read a timeslot lookup table including an entry that specifies an assignment corresponding to a timeslot; and store data associated with a particular timeslot in a memory location based on the assignment, with data from a particular

channel included in timeslots having a data assignment stored in contiguous memory locations." (Emphasis added). Accordingly, it is respectfully requested that the rejections of claim 17 under 35 USC 101 be withdrawn. Further, it is respectfully requested that the rejections of claims 18-22 under 35 USC 101 be withdrawn for reasons similar to claim 17.

Claims 8-10, 13, 19, and 24

The Office Action appears to be silent with respect to claims 8-10, 13, 19, and 24. It is respectfully submitted that these claims are assumed to be patentable because of lack of any objections or rejections by the Office.

35 USC 102(e)

Claims 1-3, 6, 7, 11, 12, 14-16, 17, 18, 20-23, and 25-27 stand rejected under 35 USC 102(e) as allegedly being unpatentable over Simpkins et al. (US 6,931,002), hereinafter "Simpkins." The rejections are respectfully traversed.

Claim 1 recites, "receiving frames partitioned into multiple timeslots; reading a timeslot lookup table including an entry that specifies an assignment corresponding to a timeslot; and storing data associated with a particular timeslot in a memory location based on the assignment, with data from a particular channel included in timeslots having a data assignment stored in contiguous memory locations." (Emphasis added). Simpkins does not describe all the features of the claimed subject matter.

Simpkins describes a switch that switches time division multiplexed (TDM) data and packet data from input ports to output ports. See, e.g., Simpkins at Abstract.

Simpkins does not describe "a particular channel included in timeslots having a data assignment stored in contiguous memory locations," as claimed. The cited portion of Simpkins (Simpkins, col. 7, lines 10-46) describes that if the input time

slot belongs to a TDM logical port, the address of the shared memory is selected from the TSI control function. If the input time slot belongs to a packet logical port, the address of the shared memory is selected from the packet switch control function 44. Simpkins does not describe that either the TSI control function or the packet switch control function or the hybrid switch store a particular channel included in timeslots having a data assignment in contiguous memory locations. Thus, Simpkins does not describe all the features of the claimed subject matter.

Further, the cited portion of Simpkins (Simpkins, FIG. 6) illustrates a plan view of a hybrid switch using shared memory. See, e.g., Simpkins, lines 40-59. Simpkins describes that when used to implement the hybrid switch, the shared memory implements a TSI function and a packet-switch function simultaneously. Simpkins does not describe that either the TSI function or the packet switch control function include "a timeslot lookup table," as claimed.

Thus, Simpkins does not describe all the features of claim 1. Accordingly, claim 1 is allowable. Claims 2-10 are also allowable at least for similar reasons and for the additional recitations that they contain.

Claim 17 recites, "receive frames partitioned into multiple timeslots; read a timeslot lookup table including an entry that specifies an assignment corresponding to a timeslot; and store data associated with a particular timeslot in a memory location based on the assignment, with data from a particular channel included in timeslots having a data assignment stored in contiguous memory locations." (Emphasis added).

Claim 17 is allowable at least for reasons similar to claim 1. Claims 18-22, 31, and 32 are also allowable at least for

similar reasons and for the additional recitations that they contain.

Claim 23 recites, "receive frames partitioned into multiple timeslots; read a timeslot lookup table including an entry that specifies an assignment corresponding to a timeslot; and store data associated with a particular timeslot in a memory location based on the assignment, with data from a particular channel included in timeslots having a data assignment stored in contiguous memory locations." (Emphasis added).

Claim 23 is allowable at least for reasons similar to claim 1. Claims 24-27 and 33-35 are also allowable at least for similar reasons and for the additional recitations that they contain.

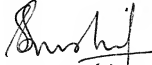
CONCLUSION

It is believed that all of the pending claims have been addressed. However, the absence of a reply to a specific rejection, issue or comment does not signify agreement with or concession of that rejection, issue or comment. In addition, because the arguments made above may not be exhaustive, there may be reasons for patentability of any or all pending claims (or other claims) that have not been expressed. Finally, nothing in this paper should be construed as an intent to concede any issue with regard to any claim, except as specifically stated in this paper, and the amendment of any claim does not necessarily signify concession of unpatentability of the claim prior to its amendment.

In view of the foregoing amendments and remarks, Applicants respectfully submit that the application is in condition for allowance, and such action is respectfully requested at the Examiner's earliest convenience.

Please apply any credits or charges to deposit account 06-1050.

Respectfully submitted,



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